

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

RD2062	Overall LMA Rating	Total LMA Miles	* Overall LMA Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall LMA Rating is M instead of A.					
Reclamation District No. 2062 Stewart	M *	12.14						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Animal Control	0.02		0.02	0.17%				
Erosion / Bank Caving	0.09		0.09	0.74%				
<i>Supplemental</i>								
DWR Erosion Survey	0.03	0.20	0.83	6.84%				
DWR UCIP Field Study					0.13	0.03		
<i>LMA Totals:</i>	0.14	0.20	0.94	7.74% *	0.13	0.03	0.00	0.00
Unit No. 01 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
RD2062	A	2.64						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Supplemental</i>								
DWR UCIP Field Study					0.03			
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.03	0.00	0.00	0.00
Unit No. 02 Paradise Cut RB	Overall Unit Rating	Total Unit Miles						
RD2062	A	3.96						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Erosion / Bank Caving	0.01		0.01	0.25%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.06	0.02		
<i>Unit Totals:</i>	0.01	0.00	0.01	0.25%	0.06	0.02	0.00	0.00
Unit No. 03 Old River LB	Overall Unit Rating	Total Unit Miles						
RD2062	M	5.55						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Animal Control	0.02		0.02	0.36%				
Erosion / Bank Caving	0.08		0.08	1.44%				
<i>Supplemental</i>								
DWR Erosion Survey	0.03	0.20	0.83	14.96%				
DWR UCIP Field Study					0.04	0.01		
<i>Unit Totals:</i>	0.13	0.20	0.93	16.76%	0.04	0.01	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 Levee Inspection Results

Reclamation District No. 2062 Stewart

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 2062 Stewart

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Left	2.64
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/21/2015 - 05/21/2015		10/14/2015 - 10/14/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Lin Hale RD2062		Lin Hale RD2062	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.64	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start		Rating **	A	Issue No.	2
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				o
					o
DWR ID	DWR_RD2062_01_f_2013_2				
Action/Comments					
Inspector Comments: The O&M Manual is available at the LMA's office.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD2062_01_s_2013_5				
Action/Comments					
Inspector Comments: Adequate flood fight supplies are available on-site.					

No Photos

LM Start		Rating **	A	Issue No.	8	
LM End		Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Flood Preparedness & Training				°	
					°	
DWR ID	DWR_RD2062_01_s_2013_8					
Action/Comments						
Inspector Comments: The LMA has a flood fight emergency response plan.						

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2062 Stewart

View of the new patrol road installation in process.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.64	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.87	Rating **	C	Issue No.	1
LM End	0.87	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.804080 °	37.804080 °
				-121.314060 °	-121.314060 °
DWR ID					

No Photos

Action/Comments					
Inspector Comments: 06/24/2015: No significant change observed. 6/19/2014: No significant change observed. 08/13/2013: This was repaired prior to the boat survey. No new erosion found at the site 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: No significant change observed at the site. There is vegetation on the slope. There is a bridge construction site just upstream of the erosion. The impact of the construction may need to be monitored. 09/07/2010: No significant change observed on site. Sloughing of the existing rip rap revetment on the lower slope has developed into an erosion pocket. There is moderate annual grass growth on the slope. 08/06/2010: Recommended as local maintenance issue, per CLRO. 03/09/2010: Per Michael Moncrief of MBK, site is scheduled for repair this year. 2009: Landside ground surface has been raised to the height of the levee crown; sloughing of the existing rip rap revetment on the lower slope that has created a pocket, exposing underlying soil; Site # is the same RM54.34, LM1.08; previously rated "M". 2006: Previously marked with stake. [2015 Site ID:RD2062U01RM54.14]					

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.64	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.64	Rating **	M	Issue No.	13
LM End	1.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.793521 °	37.793521 °
				-121.315348 °	-121.315348 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22807					
DS_ID:19177					
EP_NO: 12679					
FS_HLM: 1.6701					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_2078.jpg



WS view: two 16-inch pipes. Pumps were removed. Pumphouse dismantled.

LM Start	1.64	Rating **	M	Issue No.	13 (cont)
LM End	1.64	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_2079.jpg



WS view: 16-inch pipes on both sides of walkway and 10-inch pipe (on right) away from walkway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.64	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.64	Rating **	M	Issue No.	13 (cont)
LM End	1.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.793521 °	37.793521 °
				-121.315348 °	-121.315348 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22807					
DS_ID:19177					
EP_NO: 12679					
FS_HLM: 1.6701					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2080.jpg



WS view: pipes, walkway, and dismantled pumphouse (right).

LM Start	1.64	Rating **	M	Issue No.	14
LM End	1.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.793510 °	37.793510 °
				-121.315345 °	-121.315345 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22809 DS_ID:19183 EP_NO: 12679 FS_HLM: 1.671 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - All 3 pipes on landside looks new.- Pumps, pump house, and pipes removed from waterside.- Land development activities going on in this area.- Needs to confirm from LMA or DWR Inspector about the crossing. FIELD_STRUCT_DESC: 2 of 3: Two 16-inch steel pipes, one 8-inch steel pipe, and three electric conduits through the levee 5.0 feet below the crown. Two slant pumps in the pump house on the waterward slope. Siphon breakers on the landward slope. (App. No. 16124) FS Date: 10/22/2013					

Photo 1 of 3 : UCIP_FA_2015_2081.jpg



WS view: two 16-inch pipes under walkway; pumps were removed.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.64	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.64	Rating **	M	Issue No.	14 (cont)
LM End	1.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.793510 °	37.793510 °
				-121.315345 °	-121.315345 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:22809
 DS_ID:19183
 EP_NO: 12679
 FS_HLM: 1.671
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: - All 3 pipes on landside looks new.- Pumps, pump house, and pipes removed from waterside.- Land development activities going on in this area.- Needs to confirm from LMA or DWR Inspector about the crossing.
 FIELD_STRUCT_DESC: 2 of 3: Two 16-inch steel pipes, one 8-inch steel pipe, and three electric conduits through the levee 5.0 feet below the crown. Two slant pumps in the pump house on the waterward slope. Siphon breakers on the landward slope. (App. No. 16124)
 FS Date: 10/22/2013

LM Start	1.64	Rating **	M	Issue No.	14 (cont)
LM End	1.64	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_2094.jpg



WS view: 16-inch pipes on both sides of walkway and 10-inch pipe (on right) away from walkway.

Photo 3 of 3 : UCIP_FA_2015_2095.jpg



WS view: pipes, walkway, and dismantled pumphouse (right).

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.64	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.64	Rating **	M	Issue No.	15
LM End	1.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.793497 °	37.793497 °
				-121.315340 °	-121.315340 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22810					
DS_ID:19184					
EP_NO: 12679					
FS_HLM: 1.6719					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	1.64	Rating **	M	Issue No.	15 (cont)
LM End	1.64	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_2096.jpg



LS view: two 16-inch pipes (left) and one 10-inch pipe (right) in ditch.
Concrete box removed.

Photo 2 of 3 : UCIP_FA_2015_2097.jpg



WS view: electric conduit and 10-inch pipe (right). Dismantled/removed
pipe and pump house (far right).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	2.64	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.64	Rating **	M	Issue No.	15 (cont)
LM End	1.64	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.793497 °	37.793497 °
				-121.315340 °	-121.315340 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:22810					
DS_ID:19184					
EP_NO: 12679					
FS_HLM: 1.6719					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2098.jpg



WS view: pipes, walkway, and dismantled pumphouse (right).

LM Start	1.82	Rating **	C	Issue No.	12
LM End	1.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.791798 °	37.791798 °
				-121.312904 °	-121.312904 °
DWR ID	DWR_RD2062_01_s_2012_12				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 2062 Stewart

Waterway			Bank	Unit Miles
Unit No. 02 Paradise Cut			Right	3.96
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/21/2015 - 05/21/2015		10/14/2015 - 10/14/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Lin Hale RD2062		Lin Hale RD2062	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.56	Rating **	M	Issue No.	16
LM End	0.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.784380 °	37.784380 °
				-121.338985 °	-121.338985 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:23110
 DS_ID:24697
 EP_NO: N/A
 FS_HLM: 0.576
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Found on field with the help of USACE 2012 PI Report. Needs proper abandonment.
 FIELD_STRUCT_DESC: Abandoned 24-inch steel pipe through the levee. Damaged siphon breaker on waterside levee slope. Pump on concrete sump on landside. Service pole on landside levee slope. Pump was disconnected from service pole.
 FS Date: 10/23/2013

LM Start	0.56	Rating **	M	Issue No.	16 (cont)
LM End	0.56	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_2154.jpg



WS view: exposed steel pipe on channel bank and also immersed into channel water.

Photo 2 of 3 : UCIP_FA_2015_2155.jpg



WS view: exposed steel pipe and damaged siphon breaker on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.56	Rating **	M	Issue No.	16 (cont)
LM End	0.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.784380 °	37.784380 °
				-121.338985 °	-121.338985 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23110					
DS_ID:24697					
EP_NO: N/A					
FS_HLM: 0.576					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2156.jpg



WS view: power pole (left), siphon breaker (marked- left), and steel pipe (right) on levee slope.

LM Start	0.75	Rating **	M	Issue No.	17
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.786130 °	37.786130 °
				-121.341564 °	-121.341564 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23181 DS_ID:19192 EP_NO: 12427 FS_HLM: 0.765 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - no siphon breaker found- levee toe erosion under walkway on waterside.- erosion around concrete standpipe on landside- may be base of the standpipe was leaking. FIELD_STRUCT_DESC: 18-inch pipe through the levee 4.4 feet below the crown, pump house on the waterward slope, metal walkway from the pump house to the crown. Power pole on waterside. Flap gate and concrete distribution box on the landward slope. (App. No. 12427) FS Date: 10/23/2013					

Photo 1 of 3 : UCIP_FA_2015_0686.jpg



WS view: oil leakage from slant pump. Pipe under pump house.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.75	Rating **	M	Issue No.	17 (cont)
LM End	0.75	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.786130 °	37.786130 °
				-121.341564 °	-121.341564 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:23181
 DS_ID:19192
 EP_NO: 12427
 FS_HLM: 0.765
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: - no siphon breaker found- levee toe erosion under walkway on waterside.- erosion around concrete standpipe on landside- may be base of the standpipe was leaking.
 FIELD_STRUCT_DESC: 18-inch pipe through the levee 4.4 feet below the crown, pump house on the waterward slope, metal walkway from the pump house to the crown. Power pole on waterside. Flap gate and concrete distribution box on the landward slope. (App. No. 12427)
 FS Date: 10/23/2013

LM Start	0.75	Rating **	M	Issue No.	17 (cont)
LM End	0.75	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_0687.jpg



WS view: leaky slant pump in pumphouse on levee slope.

Photo 3 of 3 : UCIP_FA_2015_0688.jpg



WS view: pipe, walkway, service pole, and pumphouse on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.37	Rating **	M	Issue No.	18
LM End	1.37	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.791821 °	37.791821 °
				-121.350448 °	-121.350448 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23062					
DS_ID:19193					
EP_NO: N/A					
FS_HLM: 1.4002					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	1.37	Rating **	M	Issue No.	18 (cont)
LM End	1.37	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_2151.jpg



WS view: exposed steel pipe under walkway. Soil erosion under walkway. This may be due to leaky pipe joint.

Photo 2 of 3 : UCIP_FA_2015_2152.jpg



WS view: leaky pump and control box in pumphouse.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.37	Rating **	M	Issue No.	18 (cont)
LM End	1.37	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.791821 °	37.791821 °
				-121.350448 °	-121.350448 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23062 DS_ID:19193 EP_NO: N/A FS_HLM: 1.4002 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2153.jpg



WS view: pipe, walkway, and pumphouse on levee berm. Service pole on waterside.

LM Start	1.64	Rating **	U	Issue No.	19
LM End	1.64	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.794009 °	37.794009 °
				-121.354417 °	-121.354417 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23061 DS_ID:19194 EP_NO: 4305 FS_HLM: 1.6693 Repair Type: Urgent Crossing Status: Found UCIP Comments: - missing roof in pump house.- no protection for siphon breaker- huge erosion under pumphouse and levee slope on waterside. FIELD_STRUCT_DESC: 1 of 2: Two 18-inch pipes through the levee 4.8 feet below the crown. Pump house on the waterward slope. Siphon breaker on the landward shoulder. Power pole on the landward shoulder. Concrete distribution box at the toe of the landward slope. (App. No. 4305) FS Date: 10/22/2013					

Photo 1 of 3 : UCIP_FA_2015_0555.jpg



WS view: two leaky slant pumps in pumphouse with missing roof.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.64	Rating **	U	Issue No.	19 (cont)
LM End	1.64	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.794009 °	37.794009 °
				-121.354417 °	-121.354417 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:23061
 DS_ID:19194
 EP_NO: 4305
 FS_HLM: 1.6693
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: - missing roof in pump house.- no protection for siphon breaker- huge erosion under pumphouse and levee slope on waterside.
 FIELD_STRUCT_DESC: 1 of 2: Two 18-inch pipes through the levee 4.8 feet below the crown. Pump house on the waterward slope. Siphon breaker on the landward shoulder. Power pole on the landward shoulder. Concrete distribution box at the toe of the landward slope.
 (App. No. 4305)
 FS Date: 10/22/2013

LM Start	1.64	Rating **	U	Issue No.	19 (cont)
LM End	1.64	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_2149.jpg



WS view: walkway to pumphouse. Walkway in poor condition.

Photo 3 of 3 : UCIP_FA_2015_2150.jpg



WS view: pipes, walkway, and pumphouse with missing roof (right).

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.64	Rating **	U	Issue No.	20
LM End	1.64	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.794014 °	37.794014
				-121.354434 °	-121.354434
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23059					
DS_ID:19197					
EP_NO: 4305					
FS_HLM: 1.6704					
Repair Type: Urgent					
Crossing Status: Found					

LM Start	1.64	Rating **	U	Issue No.	20 (cont)
LM End	1.64	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_1695.jpg



WS view: two leaky slant pumps in pumphouse with missing roof.

Photo 2 of 3 : UCIP_FA_2015_1696.jpg



WS view: walkway in poor condition, to pumphouse.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.64	Rating **	U	Issue No.	20 (cont)	
LM End	1.64	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.794014 °	37.794014	
				-121.354434 °	-121.354434	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:23059						
DS_ID:19197						
EP_NO: 4305						
FS_HLM: 1.6704						
Repair Type: Urgent						
Crossing Status: Found						

Photo 3 of 3 : UCIP_FA_2015_1697.jpg



WS view: pipes, walkway, and pumphouse with missing roof (right).

LM Start	1.88	Rating **	A	Issue No.	12
LM End	1.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.796022 °	37.796022 °
				-121.358074 °	-121.358074 °
DWR ID	DWR_RD2062_02_f_2015_12				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_RD2062_310_12_20151026_00013.jpg



View of the acceptable vegetation control on the landside levee toe.

LM Start	2.84	Rating **	N	Issue No.	3
LM End	2.84	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.803827 °	37.803827 °
				-121.372424 °	-121.372424 °
DWR ID	DWR_RD2062_02_s_2012_3				
Action/Comments					
Tree stumps.					
Inspector Comments: Three small tree stumps.					

Photo 1 of 1 : FA_2015_RD2062_310_3_20150910_00001.jpg



Three small stumps on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	2.88	Rating **	N	Issue No.	13
LM End	2.88	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.804060 °	37.804060
				-121.373245 °	-121.373245
DWR ID	DWR_RD2062_02_s _ 2012_13				
Action/Comments					
Tree stumps.					
Inspector Comments: Four small oak stumps on levee slope.					

Photo 1 of 1 : FA_2015_RD2062_310_13_20150910_00003.jpg



View of tree stumps on waterside slope. 05/17/2012

LM Start	2.98	Rating **	N	Issue No.	14
LM End	2.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.804452 °	37.804452 °
				-121.374903 °	-121.374903 °
DWR ID	DWR_RD2062_02_s _ 2012_14				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2015_RD2062_310_14_20150910_00004.jpg



View of the tree stump in the middle of the photo.

LM Start	3.01	Rating **	N	Issue No.	15
LM End	3.01	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.804481 °	37.804481 °
				-121.375510 °	-121.375510 °
DWR ID	DWR_RD2062_02_s _ 2012_15				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2015_RD2062_310_15_20150910_00005.jpg



View of the tree stumps on the waterside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	3.24	Rating **	M	Issue No.	21
LM End	3.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.804770 °	37.804770 °
				-121.379679 °	-121.379679 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:23304
 DS_ID:19199
 EP_NO: 11524
 FS_HLM: 3.302
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: - waterside pipe immersed into channel water. - most of the pipe on landside exposed and siphon breaker on waterside not protected.
 FIELD_STRUCT_DESC: 1 of 3: One of 2x24-inch pipes through the levee 2.0 feet below the crown. 18-inch pipe through the levee 4.0 feet below the crown. Siphon breakers on waterward slope. Pump on steel platform in drainage ditch, 350 ft. from levee center off the the landward berm. (App. No. 11524)
 FS Date: 10/22/2013

LM Start	3.24	Rating **	M	Issue No.	21 (cont)
LM End	3.24	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_2212.jpg



WS view: leaky siphon breaker on levee slope.

Photo 2 of 3 : UCIP_FA_2015_2213.jpg



WS view: 24-inch steel pipe (left) with siphon breaker on levee slope. 18-inch pipe on right.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	3.24	Rating **	M	Issue No.	21 (cont)
LM End	3.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.804770 °	37.804770 °
				-121.379679 °	-121.379679 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23304					
DS_ID:19199					
EP_NO: 11524					
FS_HLM: 3.302					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2214.jpg



LS view: overview of pipes on levee berm and pump platform (marked - right) off the berm 350 ft from the levee.

LM Start	3.24	Rating **	M	Issue No.	22
LM End	3.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.804777 °	37.804777 °
				-121.379704 °	-121.379704 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23023 DS_ID:19198 EP_NO: 11524 FS_HLM: 3.3033 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - 18-inch pipe bifurcated near the pump and two gate valves installed.- waterside pipe immersed into channel water.- most of the pipe on landside exposed and siphon breaker on waterside not protected. FIELD_STRUCT_DESC: 2 of 3: 18-inch pipe through the levee 4.0 feet below the crown. 2x24-inch pipes through the levee 2.0 feet below the crown. Siphon breakers on waterward slope. Pump on steel platform in drainage ditch, 350 ft. from levee center off the the landward berm. (App. No. 11524) FS Date: 10/22/2013					

Photo 1 of 3 : UCIP_FA_2015_2023.jpg



LS view: overview of exposed pipes and pump station (marked- right) 350 ft from levee center.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	3.24	Rating **	M	Issue No.	22 (cont)
LM End	3.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.804777 °	37.804777 °
				-121.379704 °	-121.379704 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23023 DS_ID:19198 EP_NO: 11524 FS_HLM: 3.3033 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - 18-inch pipe bifurcated near the pump and two gate valves installed.- waterside pipe immersed into channel water.- most of the pipe on landside exposed and siphon breaker on waterside not protected. FIELD_STRUCT_DESC: 2 of 3: 18-inch pipe through the levee 4.0 feet below the crown. 2x24-inch pipes through the levee 2.0 feet below the crown. Siphon breakers on waterward slope. Pump on steel platform in drainage ditch, 350 ft. from levee center off the the landward berm. (App. No. 11524) FS Date: 10/22/2013					

LM Start	3.24	Rating **	M	Issue No.	22 (cont)
LM End	3.24	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_2024.jpg



WS view: closer view of 18-inch pipe with siphon breaker on levee slope.

Photo 3 of 3 : UCIP_FA_2015_2025.jpg



WS view: exposed 18-inch pipe with siphon breaker on levee slope.
Exposed 24-inch pipe (left).

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	3.24	Rating **	M	Issue No.	23
LM End	3.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.804787 °	37.804787 °
				-121.379734 °	-121.379734 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23305					
DS_ID:19195					
EP_NO: 11524					
FS_HLM: 3.305					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	3.24	Rating **	M	Issue No.	23 (cont)
LM End	3.24	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_2215.jpg



WS view: exposed pipe and steel pipe riser on levee slope.

Photo 2 of 3 : UCIP_FA_2015_2216.jpg



WS view: closer view of siphon breaker in steel pipe riser on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Paradise Cut	Right	3.96	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	3.24	Rating **	M	Issue No.	23 (cont)
LM End	3.24	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.804787 °	37.804787 °
				-121.379734 °	-121.379734 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23305					
DS_ID:19195					
EP_NO: 11524					
FS_HLM: 3.305					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2217.jpg



WS view: siphon breaker in steel pipe riser on levee slope.

LM Start	3.64	Rating **	M	Issue No.	8
LM End	3.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.806347 °	37.806347 °
				-121.386692 °	-121.386692 °
DWR ID	DWR_RD2062_02_s_2014_8				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

Photo 1 of 1 : FA_2015_RD2062_310_8_20150910_00002.jpg



View of the erosion from surface runoff on the waterside levee slope.

LM Start	3.76	Rating **	A	Issue No.	11
LM End	3.76	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.806922 °	37.806922 °
				-121.388753 °	-121.388753 °
DWR ID	DWR_RD2062_02_f_2015_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_RD2062_310_11_20151026_00012.jpg



View of the acceptable vegetation control on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2015 Levee Inspection Results

Reclamation District No. 2062 Stewart

Waterway			Bank	Unit Miles
Unit No. 03 Old River			Left	5.55
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	05/21/2015 - 05/21/2015		10/14/2015 - 10/14/2015	
DWR Inspector	Maksim Khashchuk		Maksim Khashchuk	
Accompanied By	Lin Hale RD2062		Lin Hale RD2062	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.00	Rating **	U	Issue No.	8
LM End	0.09	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.809673 °	37.809673 °
				-121.390321 °	-121.390321 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: Site is at the upstream of a drainage ditch. [2015 Site ID:RD2062U03RM29.93]					

LM Start	0.00	Rating **	U	Issue No.	8 (cont)
LM End	0.09	Issue Type +	Ma	Location *	WS

LM Start	0.00	Rating **	U	Issue No.	8 (cont)
LM End	0.09	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2015_RD2062U03RM29.93_1.jpg



Front view of the erosion.

Photo 2 of 3 : SJR2015_RD2062U03RM29.93_2.jpg



Close view of the erosion.

Photo 3 of 3 : SJR2015_RD2062U03RM29.93_3.jpg



Front view of the erosion.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.08	Rating **	N	Issue No.	3
LM End	0.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.809727 °	37.809727 °
				-121.389100 °	-121.389100 °
DWR ID	DWR_RD2062_03_f_2012_3				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2015_RD2062_311_3_20150910_00003.jpg



View of tree stumps on waterside slope.

LM Start	0.10	Rating **	U	Issue No.	9
LM End	0.11	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.810052 °	37.810052 °
				-121.388847 °	-121.388847 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: Hard to view the erosion because of the dense vegetation and trees on site. The site is under the bush, close to the tree. [2015 Site ID:RD2062U03RM30.02]					

Photo 1 of 3 : SJR2015_RD2062U03RM30.02_4.jpg



Close view of the site. Note the vegetation.

LM Start	0.10	Rating **	U	Issue No.	9 (cont)
LM End	0.11	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : SJR2015_RD2062U03RM30.02_6.jpg



Front view of the site.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.10	Rating **	U	Issue No.	9 (cont)
LM End	0.11	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.810052 °	37.810052 °
				-121.388847 °	-121.388847 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: Hard to view the erosion because of the dense vegetation					

Photo 3 of 3 : SJR2015_RD2062U03RM30.02_7.jpg



View of the site from downstream.

LM Start	0.17	Rating **	N	Issue No.	6
LM End	0.17	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.810194 °	37.810194 °
				-121.387602 °	-121.387602 °
DWR ID	DWR_RD2062_03_s_2012_6				
Action/Comments					
Tree stumps.					

No Photos

LM Start	0.18	Rating **	M	Issue No.	13
LM End	0.18	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.810468 °	37.810468 °
				-121.387492 °	-121.387492 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: The protection at the levee toe has been washed away. [2015 Site ID:RD2062U03RM30.1]					

Photo 1 of 2 : SJR2015_RD2062U03RM30.10_1.jpg



Direct view of the site.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.18	Rating **	M	Issue No.	13 (cont)
LM End	0.18	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.810468 °	37.810468 °
				-121.387492 °	-121.387492 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: The protection at the levee toe has been washed away. [2015 Site ID:RD2062U03RM30.1]					

Photo 2 of 2 : SJR2015_RD2062U03RM30.10_3.jpg



Close view of the erosion.

LM Start	0.22	Rating **	U	Issue No.	17
LM End	0.31	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.810609 °	37.810609 °
				-121.385879 °	-121.385879 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: A new pocket erosion at the upper levee slope has been found directly above a large tree. The erosion might have been caused by internal pipe leakage or surface runoff. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: No significant change observed on site. Dense vegetation is visible along the water line. 09/07/2010: No significant change observed on site. Much of the upper slope was recently cleared of vegetation by spraying. 4- to 6-foot vertical scarp and pocket erosions are lined along a span of 475 feet. In some sections, the vertical scarp encroaches into the levee prism. There is a lack of berm along this reach, exposing the levee slope to high flow velocities during normal and flood events. 08/06/2010: Recommended as local maintenance issue, per CLRO. 03/09/2010: As discussed with Michael Moncrief of MBK Engineers, the site will be 'addressed' later this year. 09/29/2009: No major change observed since last visit; pocket erosion and a vertical scarp forming; this site was combined with Site RM30.13 and 30.02 with a combined total erosion length of 475 feet; recommended as annual assessment and monitoring of the site, per CLRO CES Evaluation 2008 Report; previously rated "M". 11/05/2008: Top of vertical scarp has rip rap that appears to be sliding; rodent holes; existing toe rip rap. [2015 Site ID:RD2062U03RM30.19]					

Photo 1 of 3 : SJR2015_RD2062U03RM30.19_10.jpg



Front view of the existing erosion at the toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.22	Rating **	U	Issue No.	17 (cont)
LM End	0.31	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.810609 °	37.810609 °
				-121.385879 °	-121.385879 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: A new pocket erosion at the upper levee slope has been found directly above a large tree. The erosion might have been caused by internal pipe leakage or surface runoff. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: No significant change observed on site. Dense vegetation is visible along the water line. 09/07/2010: No significant change observed on site. Much of the upper slope was recently cleared of vegetation by spraying. 4- to 6-foot vertical scarp and pocket erosions are lined along a span of 475 feet. In some sections, the vertical scarp encroaches into the levee prism. There is a lack of berm along this reach, exposing the levee slope to high flow velocities during normal and flood events. 08/06/2010: Recommended as local maintenance issue, per CLRO. 03/09/2010: As discussed with Michael Moncrief of MBK Engineers, the site will be 'addressed' later this year. 09/29/2009: No major change observed since last visit; pocket erosion and a vertical scarp forming; this site was combined with Site RM30.13 and 30.02 with a combined total erosion length of 475 feet; recommended as annual assessment and monitoring of the site, per CLRO CES Evaluation 2008 Report; previously rated "M". 11/05/2008: Top of vertical scarp has rip rap that appears to be sliding; rodent holes; existing toe rip rap. [2015 Site ID:RD2062U03RM30.19]					

Photo 2 of 3 : SJR2015_RD2062U03RM30.19_11.jpg



View of the pocket erosion and the tree.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.22	Rating **	U	Issue No.	17 (cont)
LM End	0.31	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.810609 °	37.810609 °
				-121.385879 °	-121.385879 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: A new pocket erosion at the upper levee slope has been found directly above a large tree. The erosion might have been caused by internal pipe leakage or surface runoff. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: No significant change observed on site. Dense vegetation is visible along the water line. 09/07/2010: No significant change observed on site. Much of the upper slope was recently cleared of vegetation by spraying. 4- to 6-foot vertical scarp and pocket erosions are lined along a span of 475 feet. In some sections, the vertical scarp encroaches into the levee prism. There is a lack of berm along this reach, exposing the levee slope to high flow velocities during normal and flood events. 08/06/2010: Recommended as local maintenance issue, per CLRO. 03/09/2010: As discussed with Michael Moncrief of MBK Engineers, the site will be 'addressed' later this year. 09/29/2009: No major change observed since last visit; pocket erosion and a vertical scarp forming; this site was combined with Site RM30.13 and 30.02 with a combined total erosion length of 475 feet; recommended as annual assessment and monitoring of the site, per CLRO CES Evaluation 2008 Report; previously rated "M". 11/05/2008: Top of vertical scarp has rip rap that appears to be sliding; rodent holes; existing toe rip rap. [2015 Site ID:RD2062U03RM30.19]					

Photo 3 of 3 : SJR2015_RD2062U03RM30.19_2.jpg



Close view of the pocket erosion.

LM Start	0.35	Rating **	M	Issue No.	1
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.811281 °	37.811281 °
				-121.384461 °	-121.384461 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: The site is right at the downstream of a river bend. [2015 Site ID:RD2062U03RM30.27]					

Photo 1 of 2 : SJR2015_RD2062U03RM30.27_1.jpg



Front view of the erosion.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.35	Rating **	M	Issue No.	1 (cont)
LM End	0.35	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.811281 °	37.811281 °
				-121.384461 °	-121.384461 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: The site is right at the downstream of a river bend. [2015 Site ID:RD2062U03RM30.27]					

Photo 2 of 2 : SJR2015_RD2062U03RM30.27_6.jpg



Close view of the site. Note the piled concrete debris.

LM Start	0.51	Rating **	U	Issue No.	36
LM End	0.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.812575 °	37.812575 °
				-121.382798 °	-121.382798 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23306 DS_ID:19200 EP_NO: 2029 FS_HLM: 0.521 Repair Type: Urgent Crossing Status: Found UCIP Comments: - pits and holes on overflow pipe on waterside.- underpinning at pump support.- slope erosion on both sides of the levee.- 2-inch electric conduit on waterside and power pole on landside. FIELD_STRUCT_DESC: 16-inch pipe through the levee 8 feet below the crown, siphon breaker on the landward slope. Pump house on the waterward slope. Distribution box on the landside. (App. No. 2029) FS Date: 10/22/2013					

Photo 1 of 3 : UCIP_FA_2015_2218.jpg



WS view: slant pump in pumphouse on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.51	Rating **	U	Issue No.	36 (cont)
LM End	0.51	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.812575 °	37.812575 °
				-121.382798 °	-121.382798 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:23306
 DS_ID:19200
 EP_NO: 2029
 FS_HLM: 0.521
 Repair Type: Urgent
 Crossing Status: Found
 UCIP Comments: - pits and holes on overflow pipe on waterside.-
 underpinning at pump support.- slope erosion on both sides of the
 levee.- 2-inch electric conduit on waterside and power pole on
 landside.
 FIELD_STRUCT_DESC: 16-inch pipe through the levee 8 feet below
 the crown, siphon breaker on the landward slope. Pump house on the
 waterward slope. Distribution box on the landside. (App. No. 2029)
 FS Date: 10/22/2013

LM Start	0.51	Rating **	U	Issue No.	36 (cont)
LM End	0.51	Issue Type +	En	Location *	WS

Photo 2 of 3 : UCIP_FA_2015_2219.jpg



WS view: pump house on levee slope and holes-pits on corroded overflow pipe (left).

Photo 3 of 3 : UCIP_FA_2015_2220.jpg



WS view: pump house on levee slope and soil erosion on levee slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.55	Rating **	M	Issue No.	2
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.813070 °	37.813070 °
				-121.383100 °	-121.383100 °
DWR ID					
Action/Comments					
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed. 08/23/2011: No significant change observed on site.					

LM Start	0.55	Rating **	M	Issue No.	2 (cont)
LM End	0.56	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2015_RD2062U03RM30.43_2.jpg



Front view of the site.

Photo 2 of 3 : SJR2015_RD2062U03RM30.43_3.jpg



Front view of the site. Previously placed rip rap slipped, exposing the underlying soils and creating a pocket.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.55	Rating **	M	Issue No.	2 (cont)	
LM End	0.56	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.813070 °	37.813070 °	
				-121.383100 °	-121.383100 °	
DWR ID						
Action/Comments						
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed. 08/23/2011: No significant change observed on site.						

Photo 3 of 3 : SJR2015_RD2062U03RM30.43_4.jpg



Front view of the site. Rip rap no longer adequately protecting levee slope.

LM Start	0.61	Rating **	N	Issue No.	10
LM End	0.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.813570 °	37.813570 °
				-121.382094 °	-121.382094 °
DWR ID	DWR_RD2062_03_s_2012_10				
Action/Comments					
Tree stumps.					
Inspector Comments: Stump in slope.					

Photo 1 of 1 : FA_2015_RD2062_311_10_20150910_00009.jpg



05/11/2011 Stump in slope, new growth in center of photo is at the location of the stump.

LM Start	0.64	Rating **	N	Issue No.	12
LM End	0.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.813894 °	37.813894 °
				-121.381680 °	-121.381680 °
DWR ID	DWR_RD2062_03_s_2012_12				
Action/Comments					
Tree stumps.					
Inspector Comments: 2 stumps on waterside slope.					

Photo 1 of 1 : FA_2015_RD2062_311_12_20150910_00012.jpg



View of the tree stumps on the waterside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	0.81	Rating **	A/W	Issue No.	11
LM End	0.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.816315 °	37.816315 °
				-121.381587 °	-121.381587 °
DWR ID	DWR_RD2062_03_s_2012_11				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: Cracking developing along the waterside levee hinge.					

Photo 1 of 2 : FA_2015_RD2062_311_11_20150910_00011.jpg



View of slope erosion from foot traffic.

LM Start	0.81	Rating **	A/W	Issue No.	11 (cont)
LM End	0.81	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2015_RD2062_311_11_20151026_00028.jpg



View of cracking at waterside levee hinge.

LM Start	1.05	Rating **	M	Issue No.	34
LM End	1.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.817897 °	37.817897 °
				-121.378649 °	-121.378649 °
DWR ID	DWR_RD2062_03_f_2015_34				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

Photo 1 of 1 : FA_2015_RD2062_311_34_20151026_00027.jpg



View of the rodent burrows at the landside levee toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Reclamation District No. 2062 Stewart

Close view of the site.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.18	Rating **	U	Issue No.	4 (cont)	
LM End	1.19	Issue Type +	Ma	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR Erosion Survey			37.819290 °	37.819290 °	
				-121.378880 °	-121.378880 °	
DWR ID						
Action/Comments						
Inspector Comments: 06/25/2015: No significant change observed. 07/02/2014: No significant change observed. 08/13/2013: No significant change observed. 08/07/2012: The site has been visited by boat survey. No significant change observed 08/23/2011: No significant change observed on site. 09/07/2010: No significant change observed on site. Much of the seasonal grass along the slope was cleared. Site consists of an existing scalloped erosion approximately 30 feet long by 5 feet wide at its widest opening. The lateral crack is extended outwards along the middle slope. There is a 1 to 2 feet of differential settlement that could further develop into a shallow slide. 08/06/2010: Recommended as local maintenance issue, per CLRO. 03/09/2010: As discussed with Michael Moncrief of MBK Engineer, site will be 'addressed' this year. 09/28/2009: No major change observed; section of rip rap has slipped, creating a terraced effect; dense vegetation growth; recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Site # is the same as RM31.12,LM1.25; previously rated "U". 09/14/2006: 1-2' into prism. [2015 Site ID:RD2062U03RM31.12]						

Photo 2 of 2 : SJR2015_RD2062U03RM31.12_3.jpg



Front view of the site.

LM Start	1.35	Rating **	A/W	Issue No.	18
LM End	1.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.820885 °	37.820885 °
				-121.376986 °	-121.376986 °
DWR ID	DWR_RD2062_03_s_2012_18				
Action/Comments					
Elderberries are blocking visibility and flood fight capability. Inspector Comments: Elderberry bush blocks visibility.					

Photo 1 of 1 : FA_2015_RD2062_311_18_20150910_00015.jpg



05/11/2011 Elderberry bush on water side slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.39	Rating **	U	Issue No.	5
LM End	1.40	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.821380 °	37.821380 °
				-121.376900 °	-121.376900 °
DWR ID					

Action/Comments

Inspector Comments: 06/25/2015: No significant change observed.
 07/02/2014: No significant change observed.
 08/13/2013: No significant change observed.
 08/07/2012: The site has been visited by boat survey. No significant change observed
 08/23/2011: No significant change observed on site.
 09/07/2010: No significant change observed on site. There is a small-to medium sized Oak tree on the mid-slope just above rip rap. Some of the rip rap has collapsed, creating a pocket erosion just above the existing toe rip rap and upstream of the Oak tree.
 08/06/2010: Recommended as local maintenance issue, per CLRO.
 03/09/2010: As discussed with Michael Moncrief of MBK Engineer, site will be 'addressed' in 2010.
 09/29/2009: No major change since last visit; sliding of the rip rap at the base of the lone tree; there is noticeable man-made trail and foot traffic extending from the crown to the toe; much of the broken concrete used as temporary rip rap has slid, exposing portion of the bare levee slope; recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; Site # is the same as RM31.3, LM1.45; previously rated "M".
 11/05/2008: Portion of rip rap collapsing.
 09/14/2006: Portion of rip rap along the slope has collapsed; exposed levee section is starting to erode, exposing roots from the nearby tree.
 [2015 Site ID:RD2062U03RM31.28]

Photo 1 of 3 : SJR2015_RD2062U03RM31.28_11.jpg



Front view of the site. Note existing broken concrete on the upper slope as well as on the lower slope and at the toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.39	Rating **	U	Issue No.	5 (cont)
LM End	1.40	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.821380 °	37.821380 °
				-121.376900 °	-121.376900 °
DWR ID					

Action/Comments

Inspector Comments: 06/25/2015: No significant change observed.
 07/02/2014: No significant change observed.
 08/13/2013: No significant change observed.
 08/07/2012: The site has been visited by boat survey. No significant change observed
 08/23/2011: No significant change observed on site.
 09/07/2010: No significant change observed on site. There is a small-to medium sized Oak tree on the mid-slope just above rip rap. Some of the rip rap has collapsed, creating a pocket erosion just above the existing toe rip rap and upstream of the Oak tree.
 08/06/2010: Recommended as local maintenance issue, per CLRO.
 03/09/2010: As discussed with Michael Moncrief of MBK Engineer, site will be 'addressed' in 2010.
 09/29/2009: No major change since last visit; sliding of the rip rap at the base of the lone tree; there is noticeable man-made trail and foot traffic extending from the crown to the toe; much of the broken concrete used as temporary rip rap has slid, exposing portion of the bare levee slope; recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; Site # is the same as RM31.3, LM1.45; previously rated "M".
 11/05/2008: Portion of rip rap collapsing.
 09/14/2006: Portion of rip rap along the slope has collapsed; exposed levee section is starting to erode, exposing roots from the nearby tree.
 [2015 Site ID:RD2062U03RM31.28]

Photo 2 of 3 : SJR2015_RD2062U03RM31.28_3.jpg



A closer view of the site.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.39	Rating **	U	Issue No.	5 (cont)
LM End	1.40	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.821380 °	37.821380 °
				-121.376900 °	-121.376900 °
DWR ID					

Action/Comments

Inspector Comments: 06/25/2015: No significant change observed.
 07/02/2014: No significant change observed.
 08/13/2013: No significant change observed.
 08/07/2012: The site has been visited by boat survey. No significant change observed
 08/23/2011: No significant change observed on site.
 09/07/2010: No significant change observed on site. There is a small-to medium sized Oak tree on the mid-slope just above rip rap. Some of the rip rap has collapsed, creating a pocket erosion just above the existing toe rip rap and upstream of the Oak tree.
 08/06/2010: Recommended as local maintenance issue, per CLRO.
 03/09/2010: As discussed with Michael Moncrief of MBK Engineer, site will be 'addressed' in 2010.
 09/29/2009: No major change since last visit; sliding of the rip rap at the base of the lone tree; there is noticeable man-made trail and foot traffic extending from the crown to the toe; much of the broken concrete used as temporary rip rap has slid, exposing portion of the bare levee slope; recommended as local maintenance issue, per CLRO CES Evaluation 2008 Report; Site # is the same as RM31.3, LM1.45; previously rated "M".
 11/05/2008: Portion of rip rap collapsing.
 09/14/2006: Portion of rip rap along the slope has collapsed; exposed levee section is starting to erode, exposing roots from the nearby tree.
 [2015 Site ID:RD2062U03RM31.28]

Photo 3 of 3 : SJR2015_RD2062U03RM31.28_7.jpg



Front view of the site.

LM Start	1.50	Rating **	N	Issue No.	14
LM End	1.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.821388 °	37.821388 °
				-121.374947 °	-121.374947 °
DWR ID	DWR_RD2062_03_s_2012_14				

Action/Comments

Tree stumps.

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	1.66	Rating **	N	Issue No.	15
LM End	1.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.820890 °	37.820890 °
				-121.372227 °	-121.372227 °
DWR ID	DWR_RD2062_03_s_2012_15				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2015_RD2062_311_15_20150910_00014.jpg



View of the tree stump on the waterside levee slope.

LM Start	1.75	Rating **	N	Issue No.	16
LM End	1.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.820902 °	37.820902
				-121.370565 °	-121.370565
DWR ID	DWR_RD2062_03_s_2012_16				
Action/Comments					
Tree stumps.					

No Photos

LM Start	2.51	Rating **	M	Issue No.	30
LM End	2.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			37.816930 °	37.816930
				-121.359025 °	-121.359025
DWR ID	DWR_RD2062_03_f_2015_30				
Action/Comments					

Photo 1 of 1 : FA_2015_RD2062_311_30_20151026_00026.jpg



View of the rodent hole on the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	2.77	Rating **	M	Issue No.	37
LM End	2.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.816362 °	37.816362 °
				-121.354339 °	-121.354339 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:23311
 DS_ID:19202
 EP_NO: 2505
 FS_HLM: 2.8081
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: - pumphouse roof missing.- siphon breaker buried by dirt in CMP riser.- 2.25 inch electric conduit and power pole on landside.
 FIELD_STRUCT_DESC: 2 of 2: 16-inch and 14-inch pipe through the levee 6.5 feet below the crown, pump in pump house on pile structure in stream. Timber walkway to the pump. Siphon breakers in CM risers on the landward slope. Concrete distribution box at the toe of the landward slope. (App. No. 2505)
 FS Date: 10/22/2013

LM Start	2.77	Rating **	M	Issue No.	37 (cont)
LM End	2.77	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_FA_2015_2224.jpg



LS view: two CMP risers on levee slope, concrete distribution box, and service pole across the dirt road, off the levee toe.

Photo 2 of 3 : UCIP_FA_2015_2225.jpg



WS view: exposed steel pipes and an electric conduit on levee slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	2.77	Rating **	M	Issue No.	37 (cont)
LM End	2.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.816362 °	37.816362 °
				-121.354339 °	-121.354339 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23311					
DS_ID:19202					
EP_NO: 2505					
FS_HLM: 2.8081					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2226.jpg



WS view: wooden walkway to pumphouse, pumphouse on wooden pile structure in the stream.

LM Start	2.77	Rating **	M	Issue No.	38
LM End	2.77	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.816362 °	37.816362 °
				-121.354334 °	-121.354334 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23312					
DS_ID:19205					
EP_NO: 2505					
FS_HLM: 2.808					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: - pumphouse roof missing.- siphon breaker buried by dirt in CMP riser.- 2.25 inch electric conduit and power pole on landside.					
FIELD_STRUCT_DESC: 1 of 2: 14-inch and 16-inch pipe through the levee 6.5 feet below the crown, pump in pump house on pile structure in stream. Timber walkway to the pump. Siphon breakers in CM risers on the landward slope. Concrete distribution box at the toe of the landward slope. Timber bulkhead and slab on the waterward slope. Timber bulkhead and slab on the waterward slope. Installed by the United States Army Corps of Engineers, 1963. (App. No. 2505)					
FS Date: 10/22/2013					

Photo 1 of 3 : UCIP_FA_2015_2101.jpg



WS view: exposed steel pipes and a electric conduit on levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	2.77	Rating **	M	Issue No.	38 (cont)	
LM End	2.77	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.816362 °	37.816362 °	
				-121.354334 °	-121.354334 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:23312 DS_ID:19205 EP_NO: 2505 FS_HLM: 2.808 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - pumphouse roof missing.- siphon breaker buried by dirt in CMP riser.- 2.25 inch electric conduit and power pole on landside. FIELD_STRUCT_DESC: 1 of 2: 14-inch and 16-inch pipe through the levee 6.5 feet below the crown, pump in pump house on pile structure in stream. Timber walkway to the pump. Siphon breakers in CM risers on the landward slope. Concrete distribution box at the toe of the landward slope. Timber bulkhead and slab on the waterward slope. Timber bulkhead and slab on the waterward slope. Installed by the United States Army Corps of Engineers, 1963. (App. No. 2505) FS Date: 10/22/2013						

LM Start	2.77	Rating **	M	Issue No.	38 (cont)
LM End	2.77	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_2102.jpg



LS view: two CMP risers on levee slope, concrete distribution box, and service pole across the dirt road, off the levee toe.

Photo 3 of 3 : UCIP_FA_2015_2103.jpg



WS view: wooden walkway to pumphouse, pumphouse on wooden pile structure in the stream.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	2.79	Rating **	N	Issue No.	22
LM End	2.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.816341 °	37.816341 °
				-121.354008 °	-121.354008 °
DWR ID	DWR_RD2062_03_s _ 2012_22				
Action/Comments					
Tree stumps.					

No Photos

LM Start	2.85	Rating **	N	Issue No.	23
LM End	2.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.816330 °	37.816330 °
				-121.352775 °	-121.352775 °
DWR ID	DWR_RD2062_03_s _ 2012_23				
Action/Comments					
Tree stumps.					

No Photos

LM Start	3.04	Rating **	N	Issue No.	25
LM End	3.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.817791 °	37.817791 °
				-121.350088 °	-121.350088 °
DWR ID	DWR_RD2062_03_s _ 2012_25				
Action/Comments					
Tree stumps.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	3.10	Rating **	N	Issue No.	26
LM End	3.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.818532 °	37.818532
				-121.349510 °	-121.349510
DWR ID	DWR_RD2062_03_s _ 2012_26				
Action/Comments					
Tree stumps.					

Photo 1 of 1 : FA_2015_RD2062_311_26_20150910_00018.jpg



View of the tree stump on the waterside levee slope.

LM Start	3.44	Rating **	C	Issue No.	32
LM End	3.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.818694 °	37.818694
				-121.345124 °	-121.345124
DWR ID	DWR_RD2062_03_s _ 2015_32				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	3.61	Rating **	M	Issue No.	31
LM End	3.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.816982 °	37.816541 °
				-121.342939 °	-121.342191 °
DWR ID	DWR_RD2062_03_s _ 2015_31				
Action/Comments					
Schedule repair of erosion site prior to the next inspection. Inspector Comments: About a 3 ft vertical cut at the levee toe into the levee prism.					

Photo 1 of 1 : FA_2015_RD2062_311_31_20150910_00019.jpg



View of the eroded landside levee toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	4.14	Rating **	N	Issue No.	33
LM End	4.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.820407 °	37.820407 °
				-121.338122 °	-121.338122 °
DWR ID	DWR_RD2062_03_s_2012_33				
Action/Comments					
Tree stumps.					

No Photos

LM Start	4.40	Rating **	A	Issue No.	29
LM End	4.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.818540 °	37.818540 °
				-121.334073 °	-121.334073 °
DWR ID	DWR_RD2062_03_f_2015_29				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : FA_2015_RD2062_311_29_20151026_00025.jpg



View of the acceptable vegetation control on the landside levee slope.

LM Start	4.75	Rating **	N	Issue No.	7
LM End	4.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.813986 °	37.813986 °
				-121.335821 °	-121.335821 °
DWR ID	DWR_RD2062_03_s_2012_7				
Action/Comments					
Tree stumps.					
Inspector Comments: 14" stump on landside slope.					

Photo 1 of 1 : FA_2015_RD2062_311_7_20150910_00006.jpg



10/21/2011 Photo taken the next day. Stump can be seen in the lower center of the photo.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	4.88	Rating **	M	Issue No.	35
LM End	4.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			37.812225 °	37.811800 °
				-121.336112 °	-121.336105 °
DWR ID	DWR_RD2062_03_f_2014_35				
Action/Comments					
Note and monitor erosion site. Inspector Comments: 2 to 3 feet vertical cut possibly caused by previous floods.					

Photo 1 of 1 : FA_2015_RD2062_311_35_20150910_00021.jpg



View of a 2-3 feet vertical cut at the landside levee toe.

LM Start	5.37	Rating **	M	Issue No.	39
LM End	5.37	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.807305 °	37.807305 °
				-121.331290 °	-121.331290 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23142 DS_ID:19203 EP_NO: N/A FS_HLM: 5.449 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - siphon breakers not protected.- flow meter and gage station on waterside.- pump house on wooden pile structure. Walkway to the pumphouse. FIELD_STRUCT_DESC: 1 of 2: Two 16-inch pipes through the levee 4.0 feet below the crown. Pump in the pump house on pile structure in the stream. Siphon breakers on the landward slope. Concrete distribution box on landside berm. FS Date: 10/22/2013					

Photo 1 of 3 : UCIP_FA_2015_2221.jpg



WS view: pump house on wooden pipe structure in the stream. Two steel pipes under the walkway.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	5.37	Rating **	M	Issue No.	39 (cont)	
LM End	5.37	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			37.807305 °	37.807305 °	
				-121.331290 °	-121.331290 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:23142 DS_ID:19203 EP_NO: N/A FS_HLM: 5.449 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: - siphon breakers not protected.- flow meter and gage station on waterside.- pump house on wooden pile structure. Walkway to the pumphouse. FIELD_STRUCT_DESC: 1 of 2: Two 16-inch pipes through the levee 4.0 feet below the crown. Pump in the pump house on pile structure in the stream. Siphon breakers on the landward slope. Concrete distribution box on landside berm. FS Date: 10/22/2013						

LM Start	5.37	Rating **	M	Issue No.	39 (cont)
LM End	5.37	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_2222.jpg



WS view: two 16-inch pipes under walkway. Gate valve without handle on one of the pipes.

Photo 3 of 3 : UCIP_FA_2015_2223.jpg



WS view: steel walkway to pump house in the stream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	5.37	Rating **	M	Issue No.	40
LM End	5.37	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.807305 °	37.807305 °
				-121.331276 °	-121.331276 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23140					
DS_ID:19206					
EP_NO: N/A					
FS_HLM: 5.45					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 1 of 3 : UCIP_FA_2015_2176.jpg



WS view: pump house on wooden pipe structure in the stream. Two steel pipes under the walkway.

LM Start	5.37	Rating **	M	Issue No.	40 (cont)
LM End	5.37	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_2177.jpg



WS view: two 16-inch pipes under walkway. Gate valve without handle on one of the pipes.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

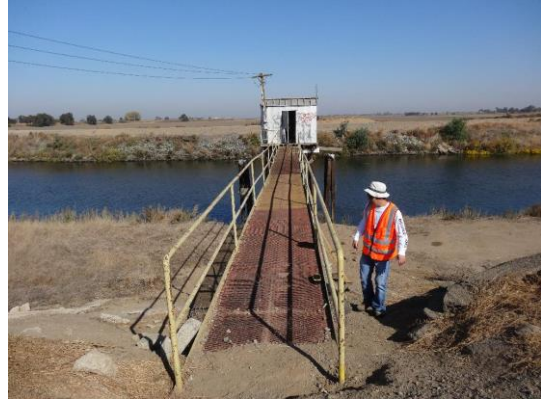
Levee Inspection Report By Mile - Fall 2015

Reclamation District No. 2062 Stewart

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Old River	Left	5.55	10/14/2015 10/14/2015	Maksim Khashchuk

LM Start	5.37	Rating **	M	Issue No.	40 (cont)
LM End	5.37	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			37.807305 °	37.807305 °
				-121.331276 °	-121.331276 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:23140 DS_ID:19206 EP_NO: N/A FS_HLM: 5.45 Repair Type: Non-Urgent Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2178.jpg



WS view: steel walkway to pump house in the stream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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